



PCT

RAW SEQUENCE LISTING

DATE: 04/12/2005

PATENT APPLICATION: US/10/530,083

TIME: 08:55:31

Input Set : A:\119 Sequence Listing.ST25.txt

Output Set: N:\CRF4\04122005\J530083.raw

3 <110> APPLICANT: Sung, Moon-Hee
 4 Poo, Ha Ryoung
 5 Lee, Jong-Soo
 6 Jung, Chang-Min
 7 Hong, Seong-Pyo
 8 Kim, Chul-Joong
 9 Park, Sue-nie
 10 Pyo, Hyun-mi
 12 <120> TITLE OF INVENTION: VECTOR FOR ANTI-HPV VACCINE AND TRANSFORMED MICROORGANISM BY
 THE
 13 VECTOR
 15 <130> FILE REFERENCE: 4240-119
 C--> 17 <140> CURRENT APPLICATION NUMBER: US/10/530,083
 18 <141> CURRENT FILING DATE: 2005-04-01
 20 <150> PRIOR APPLICATION NUMBER: KR 10-2002-0063378
 21 <151> PRIOR FILING DATE: 2002-10-17
 23 <160> NUMBER OF SEQ ID NOS: 11
 25 <170> SOFTWARE: PatentIn version 3.2
 27 <210> SEQ ID NO: 1
 28 <211> LENGTH: 1182
 29 <212> TYPE: DNA
 30 <213> ORGANISM: Bacillus subtilis
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 39 gttggaaaaa caacaggaac agatgcaaga atgatttact gggacacacc ggaggaaaaa 240
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 43 acagtagaaa gaggggctaa cgcgattgtc agtgaatgca tggctgttaa cccagattat 360
 45 caaatcatct ttcaggaaga acttctgcag gccaatatcg gcgtcattgt gaatgtttta 420
 47 gaagaccata tggatgtcat ggggccgacg cttgatgaaa ttgcagaagc gtttaccgct 480
 49 acaattcctt ataattggcca tcttgtcatt acagatagtg aatataccga gttctttaaa 540
 51 caaaaagcaa aagaacgaaa cacaaaagtc atcattgctg ataactcaaa aattacagat 600
 53 gagtatattac gtaattttga atacatggta ttccctgata acgcttctct ggcgctgggt 660
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 63 gatcggacac agcaattcgc aaatgacgta ttgccttata ttgaagcaag tgaactgatc 960
 65 ttaatcggtg aaacaacaga accgatcgta aaagcctatg aagaaggcaa aattcctgca 1020
 67 gacaaactgc atgcctaga gtataagtca acagatgaaa ttatggaatt gttaaagaaa 1080
 69 agaatgcaca accgtgtcat atatggcgtc ggcaatatc atgggtgccgc agagccttta 1140
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 74 <210> SEQ ID NO: 2

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84 tttaatcagc cgggtctttat ttactttgtt ttgctagtga gcttgctcac ttatgttatc 180
86 gtgaaatacg gtttatccaa atttatgatt ttgtacggac gcagaaaatt cgctgccatg 240
88 ctgataacag ggatcgctct aaaaatcgcg ttgtattttc tatacccgat tgtaccattt 300
90 gaaatcgag aatttcgagg aatcggcac atcgtgccag gtttaattgc caataccatt 360
92 cagaaacaag gtttaacat tacgttcgga agcacgctgc tattgagcgg agcgaccttt 420
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107 atgtgggcgg gaaaagcggg aacgccgaag gtcaaaacgt attctgacga cgtactctca 180
109 gcctcatttg taggcgatat tatgatggga cgctatgttg aaaaagtaac ggagcaaaaa 240
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113 ggaaactttg aaaaccgggt aacctatcaa aagaattata aacaagcaga taaagagatt 360
115 catctgcaga cgaataagga atcagtgaag gtcttgaaag atatgaattt cacgggttctc 420
117 aacagcgcca acaaccacgc aatggattac ggcggttcagg gcatgaaaga tacgcttgga 480
119 gaatttgcca agcaaaacct tgatatcggt ggagcgggat acagcttaag tgatgcgaaa 540
121 aagaaaattt cgtaccagaa agtcaacggg gtaacgattg caacgcttgg ctttaccgat 600
123 gtgtccggga aaggtttcgc ggctaaaaag aatacgccgg gcgtgctgcc cgcagatcct 660
125 gaaatcttca tccctatgat ttcagaagcg aaaaaacatg ctgacattgt tgttgtgcag 720
127 tcacactggg gccaaagata tgacaatgat ccaaacgacc gccagcgcca gcttgcaaga 780
129 gccatgtctg atgcgggagc tgacatcatc gtcggccatc atccgcacgt cttagaaccg 840
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133 ggctggacga gaacaagaga cagtgcactg gttcagtatc acctgaagaa aaatggaaca 960
135 ggccgctttg aagtgcacac gatcgatatc catgaagcga cacctgcacc tgtgaaaaaa 1020
137 gacagcctta aacagaaaac cattattcgc gaactgacga aagactctaa tttcgcttgg 1080
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169 <213> ORGANISM: Artificial Sequence
171 <220> FEATURE:
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178 <210> SEQ ID NO: 7
179 <211> LENGTH: 29
180 <212> TYPE: DNA
181 <213> ORGANISM: Artificial Sequence
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216 <212> TYPE: DNA
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234 <400> SEQUENCE: 11

235 ctcggatcct ttagatttta gtttgcact

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VERIFICATION SUMMARY

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L:17 M:270 C: Current Application Number differs, Replaced Current Application Number